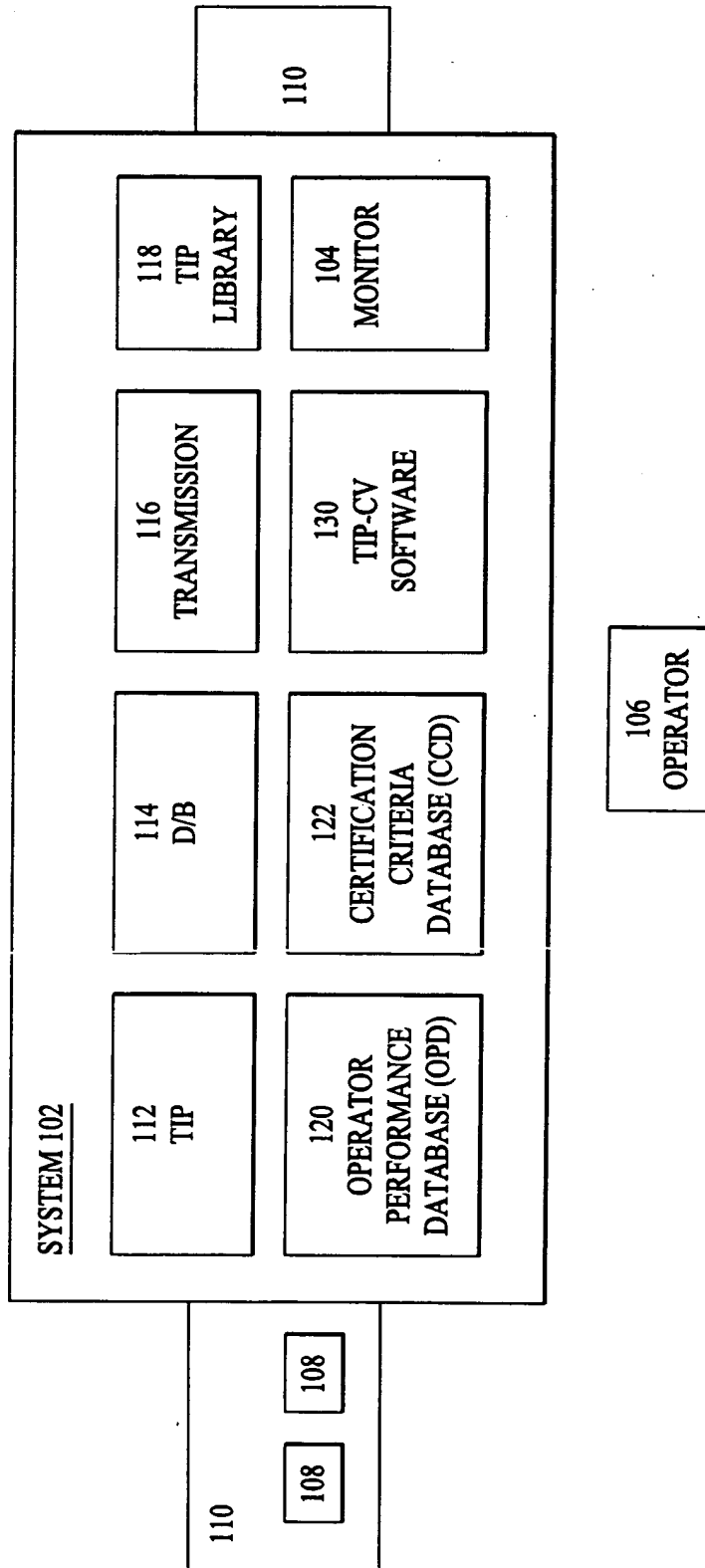
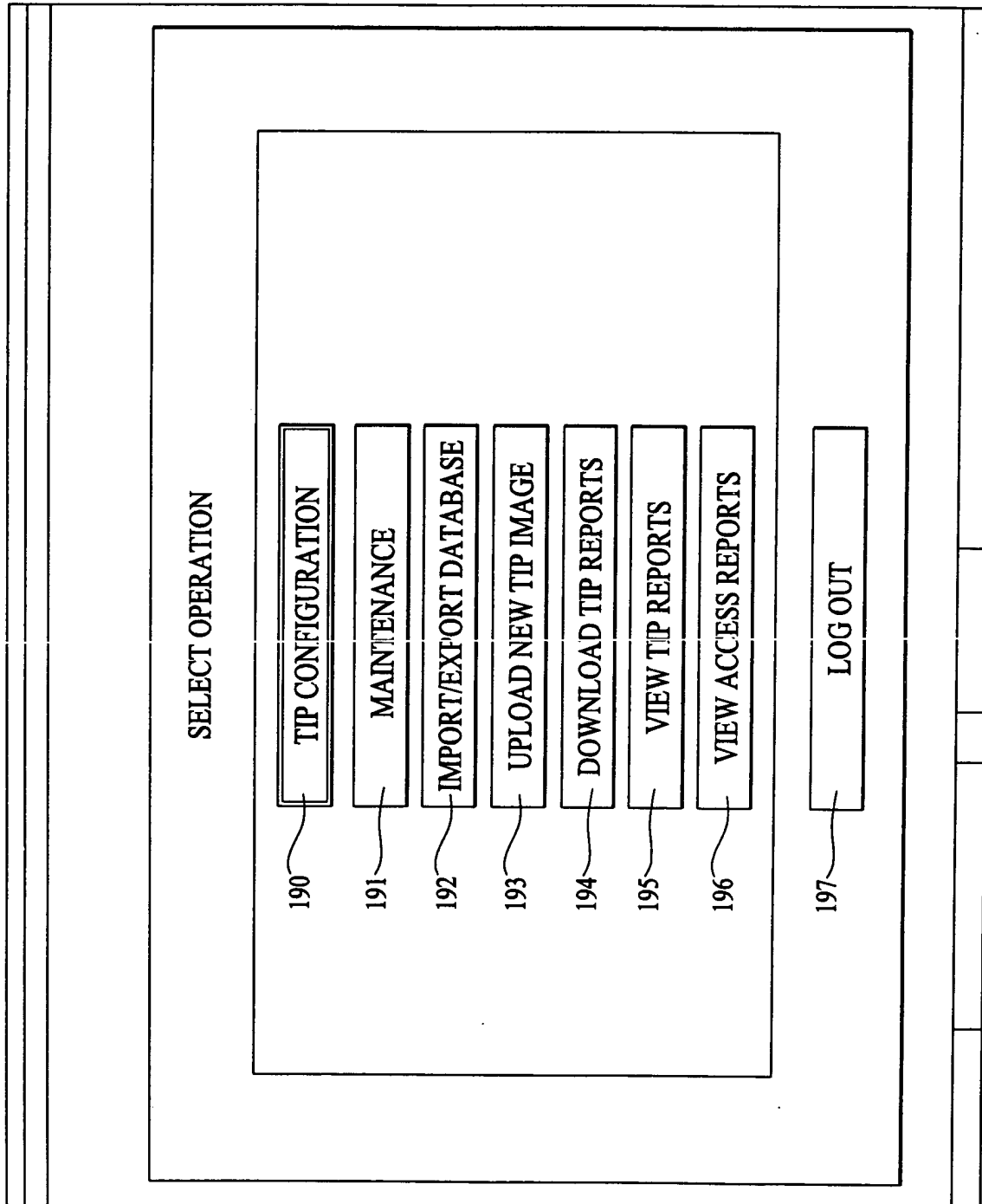
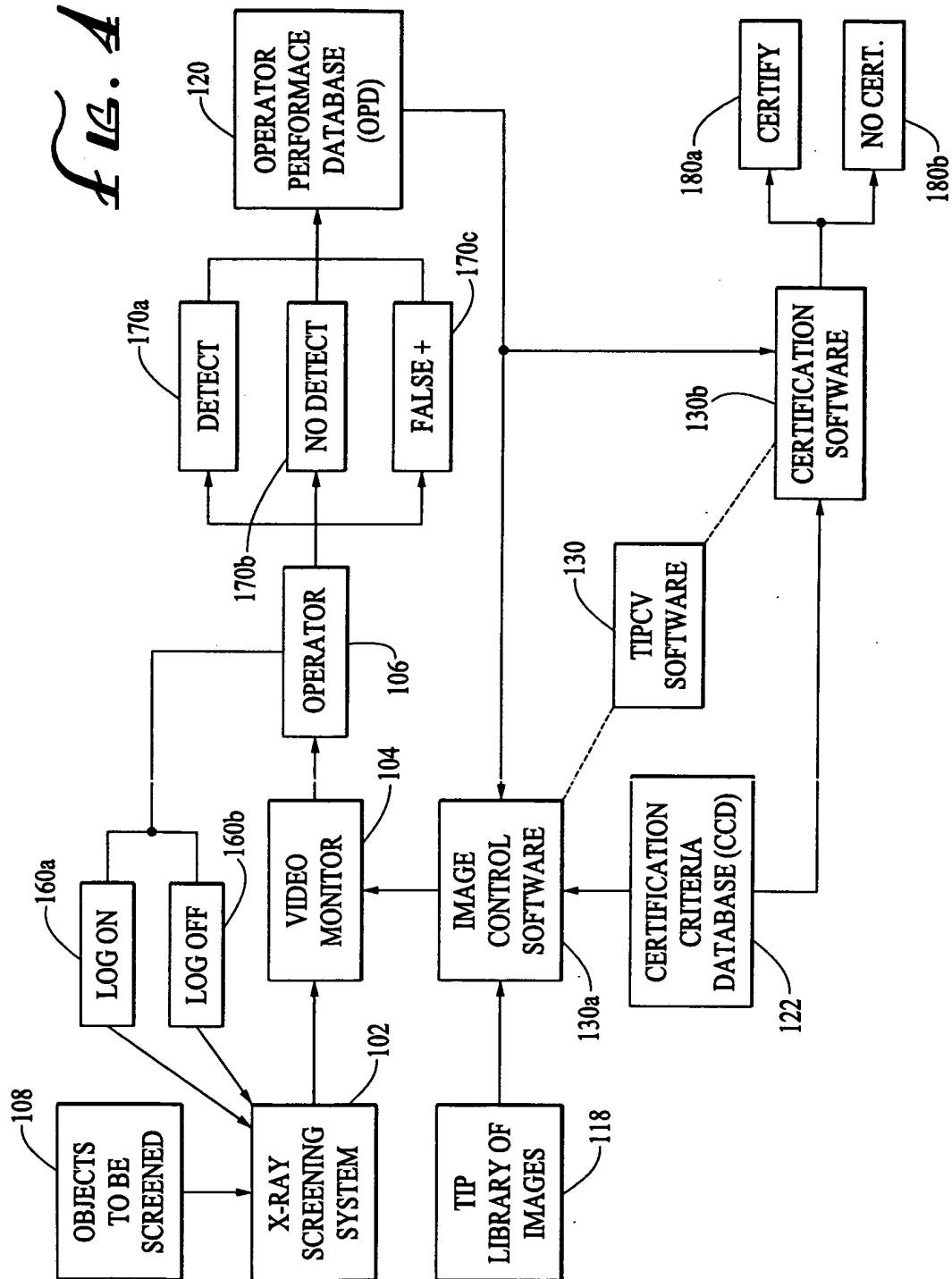
*FIG. 1*



Fig. 2







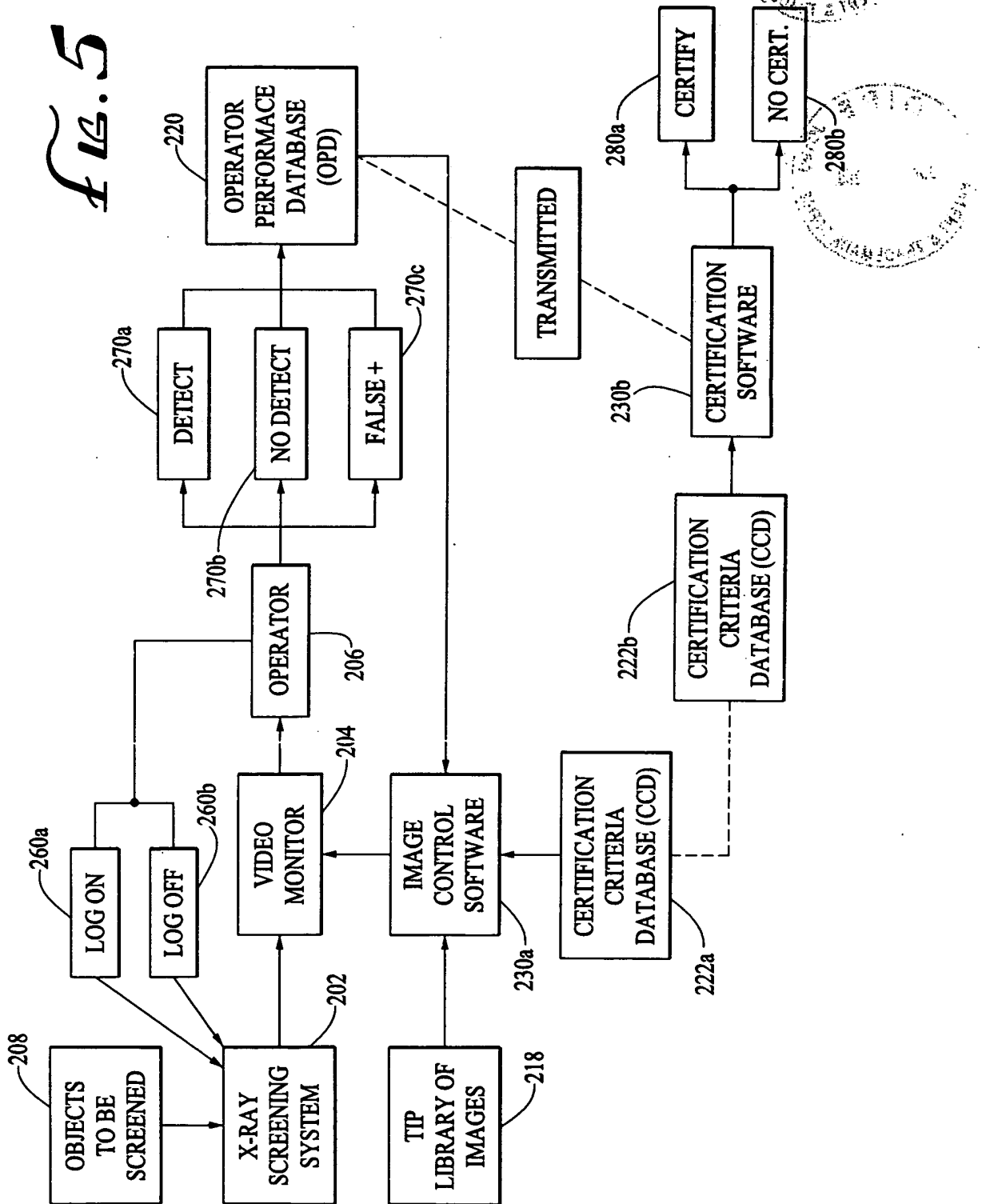


Fig. 0

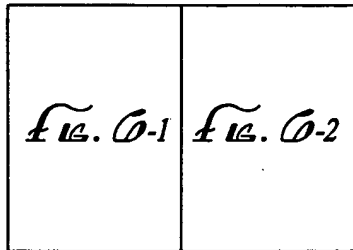


Fig. 0-1

X-RAY SYSTEM SOFTWARE (312)
(RESIDE ON THE X-RAY COMPUTER)

OPERATOR LOG IN (302)

TRANSMIT VIA LAN (306)

GENERATE A REMAINING TIP CV IMAGES LIST (RIL) BASED ON THE TIP CV TESTS SCRIPT. (308)

1. HOW MANY TIP CV IMAGES REMAIN?
2. HOW MANY DAYS REMAIN?
BASED ON THESE TWO FACTORS, WHETHER A TIP CV IMAGE OR A REGULAR TIP IMAGE WILL SHOW UP IN THE NEXT TIP TEST. (310)

TIP CV IMAGE (312a)

REGULAR TIP IMAGE (312b)

RANDOMLY PICK A TIP CV IMAGE FROM THE RIL AND REMOVE THAT TIP CV IMAGE FROM THE RIL (314)

MERGE THE TIP IMAGE INTO THE IMAGE OF THE PASSENGER BAG. (316)

RECORD OPERATOR'S PERFORMANCE (HIT/MISS/FALSE ALARM) (318)

TRANSMIT VIA LAN (330)

332

318

330

FIG. 6-2